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GENERAL POWER NOTES

- THROUGHOUT THE "E" SHEETS, "CONTRACTOR" SHALL REFER TO THE ELECTRICAL CONTRACTOR. ALL OTHER CONTRACTOR WILL BE SPECIFICALLY IDENTIFIED BY DISCIPLINE.
- ALL 15A AND 20A 120V RECEPTACLES IN THE KITCHEN SHALL HAVE GROUND FAULT CIRCUIT INTERRUPTER PROTECTION PER NEC ARTICLE 210.8 (B).
- PROVIDE DISCONNECT SWITCH OR RECEPTACLES FOR ALL ITEMS OUT OF SIGHT OF SUPPLYING PANELBOARD.
- ALL WIRING INSIDE BUILDING SHALL BE IN METALLIC RACEWAY. SCH 40 PVC SHALL BE USED FOR UNDERGROUND WIRING ON EXTERIOR OF BUILDING AND BELOW FLOOR SLAB.
- DUPLEX AND DOUBLE DUPLEX RECEPTACLES FOR P.O.S. SYSTEM (ISOLATED GROUND RECEPTACLES) SHALL NOT SHARE CONDUIT WITH ANY "NORMAL POWER" DEVICES. ISOLATED GROUND RECEPTACLES SHALL BE "ORANGE" IN COLOR.
- ALL CONDUCTORS SHALL BE COPPER WITH "THIRTYMIN" INSULATION, UNLESS NOTED OTHERWISE. COLOR CODE ALL CONDUCTORS.
- SEPARATE CODE-SIZE GROUND CONDUCTORS (GREEN-INSULATED) SHALL BE PULLED IN ALL CONDUIT RUNS. METALLIC CONDUITS SHALL NOT SERVE AS SOLE GROUND.
- ALL CONDUIT SHALL BE CONCEALED, UNLESS LOCATED IN ELECTRICAL OR UNLESS SPECIFICALLY APPROVED BY ARCHITECT.
- ALL CONDUIT SHALL BE RUN OVERHEAD EXCEPT FEEDERS SUPPLYING THE UNITIZED SWITCH GEAR AND WHERE STUB UPS ARE EXPLICITLY SPECIFIED. ALL BRANCH CIRCUITS LEAVING THE UNITIZED SWITCH GEAR SHALL LEAVE THE TOP OF THE SWITCH GEAR CABINET AND SHALL BE RUN OVERHEAD.
- CONDUIT SHALL BE PROPERLY SUPPORTED USING CLAMPS OR UNISTRUT RACKING. USE OF THE WIRES WILL NOT BE APPROVED.
- THE USE OF 3" HIGH BOXES WILL NOT BE PERMITTED. USE MINIMUM 4" SQUARE BOXES. PROVIDE SQUARE "PLASTER RINGS" WHERE ONLY ONE DEVICE IS ILLUSTRATED.
- ALL LOW VOLTAGE TEMPERATURE CONTROL SYSTEM FINAL CONNECTIONS ARE BY THE MECHANICAL CONTRACTOR, BUT ALL CONDUIT FOR LOW VOLTAGE WIRING IS PROVIDED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
- COVER PLATES AND RECEPTACLES SHALL BE ALMOND IN COLOR, WITH THE EXCEPTION THAT ALL COVER PLATES IN FOOD PREP AREAS SHALL BE STAINLESS STEEL.
- ALL EXPOSED CONDUIT SHALL BE INSTALLED AT LEAST 6" OFF THE FLOOR AND 1" AWAY FROM THE WALL TO FACILITATE CLEANING.
- MOUNT RECEPTACLES 2" ABOVE BACKSPLASH AT WORK COUNTERS AND LAVATORIES, AND 18" A.F.F. TO BOTTOM OF OUTLET ELSEWHERE, UNLESS OTHERWISE NOTED.
- SEE ELECTRICAL WIRING DIAGRAMS AND DETAILS FOR HOOD ON MECHANICAL AND FOOD SERVICE DRAWINGS.
- FLEXIBLE CONDUIT, SUCH AS TYPE MC CABLE OR GREENFIELD, SHALL NOT BE USED EXCEPT WHERE SPECIFICALLY CALLED OUT FOR LIGHTING (SEE GENERAL LIGHTING NOTES) OR FOR EQUIPMENT, WHERE USED TO CONNECT TO EQUIPMENT, WATER-TIGHT FLEXIBLE CONDUIT AND APPROPRIATE WATER-TIGHT FITTINGS SHALL BE USED. MAXIMUM LENGTH SHALL NOT EXCEED 6'-0".
- CONTRACTOR SHALL REFER TO THESE DOCUMENTS, AS WELL AS SPECIFICATIONS, FOR IDENTIFICATION OF ALL OWNER SUPPLIED ITEMS. CONTRACTOR SHALL VERIFY WITH OWNER PRIOR TO ORDERING, WHICH ITEMS THE OWNER SHALL SUPPLY. ALL ITEMS NOT MARKED AS "OWNER SUPPLIED" ARE TO BE SUPPLIED BY THE CONTRACTOR, UNLESS NOTED OTHERWISE. ALL ITEMS ARE TO BE INSTALLED BY THE CONTRACTOR.
- CONTRACTOR SHALL ASSUME THAT ANY ELECTRICAL WORK AND DEVICES SHOWN ARE BY ELECTRICAL CONTRACTOR UNLESS SPECIFICALLY SHOWN BY OTHERS.
- E.C. SHALL PROVIDE OWNER/FRANCHISEE WITH COMPLETE SET OF ELECTRICAL AS-BUILT DRAWINGS ALL DEVIATIONS FROM ORIGINAL DESIGN WITHIN 30 DAYS OF ACCEPTANCE.
- E.C. SHALL PROVIDE OWNER/FRANCHISEE WITH OPERATIONS & MAINTENANCE MANUAL(S) FOR ALL ELECTRICAL SYSTEMS AND EQUIPMENT WITHIN 30 DAYS OF ACCEPTANCE.
- E.C. SHALL PROVIDE THE MANUFACTURERS INSTALLATION GUIDE FOR ALL E.C. SUPPLIED EQUIPMENT.

GENERAL LIGHTING NOTES

- LIGHT FIXTURES TO BE FURNISHED BY K.K. THROUGH KRISPY KRIME NATIONAL VENDOR, AND INSTALLED BY E.C.
- ALL CIRCUIT DESIGNATIONS REFER TO PANEL "C", UNLESS OTHERWISE NOTED.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF LUMINAIRES.
- EACH LUMINAIRE SHALL BE SEPARATELY SUPPORTED FROM STRUCTURE BY HANGING CORNERS. DO NOT USE CONDUIT FOR SUPPORT, EITHER FIXTURES OR BOXES.
- USE FLEXIBLE METALLIC CONDUIT (GREENFIELD) FOR CHANGE CONNECTION OF LUMINAIRE FIXTURES.
- PROVIDE GROUND CONDUCTOR IN ALL CONDUIT RUNS (IF ILLUSTRATED).
- THROUGH WIRING OF FIXTURES SHALL BE PERMITTED UNLESS SPECIFICALLY ILLUSTRATED.
- EACH LUMINAIRE SHALL HAVE 1/2" DOWN DOWN RODS, UNLESS OTHERWISE ILLUSTRATED.
- VERIFY LOCATION OF WALL MOUNTED EMERGENCY LIGHTS TO AVOID CONFLICT WITH WOOD TRIM.
- LIGHTING FIXTURES IN AREAS WHERE FOOD IS PREPARED, STORED, OR WHERE UTENSILS ARE CLEANED SHALL HAVE A SHATTERPROOF LENS AND BE REACHABLE.
- LIGHTING FIXTURES SHALL NOT BE LESS THAN 50 FOOT CANDLES ON SURFACE WHERE A FOOD EMPLOYEE IS WORKING WITH FOOD OR WORKING WITH UTENSILS OR EQUIPMENT SUCH AS KNIVES, SLICERS, GRINDERS, OR SAWS WHERE EMPLOYEE SAFETY IS A FACTOR.
- REFRIGERATION STORAGE, AND TOILET ROOMS SHALL NOT BE LESS THAN 10 FOOT CANDLES, AT 3'00" ABOVE FLOOR.
- EXPOSED CONDUIT SHALL BE CALLED AT LEAST 6" OFF THE FLOOR AND 1" AWAY FROM THE WALL TO FACILITATE CLEANING.
- COVER PLATES AND RECEPTACLES SHALL MATCH BACKGROUND WALL MATERIAL, WITH THE EXCEPTION THAT ALL COVER PLATES IN FOOD PREP AREAS SHALL BE STAINLESS STEEL.
- CONTRACTOR SHALL FURNISH AS-BUILT DRAWINGS FOR ELECTRICAL LIGHTING SYSTEMS WITHIN 30 DAYS OF SYSTEM ACCEPTANCE.
- CONTRACTOR SHALL FURNISH OPERATION & MAINTENANCE INSTRUCTIONS FOR SYSTEMS AND EQUIPMENT TO THE BUILDING OWNER OR DESIGNATED REPRESENTATIVE.
- CONTRACTOR SHALL PROVIDE WRITTEN VERIFICATION WITH COPY TO ENGINEER THAT LIGHTING SYSTEMS HAVE BEEN TESTED TO ENSURE PROPER CALIBRATION, ADJUSTMENT, PROGRAMMING AND OPERATION.

JURISDICTION NOTES

ELECTRICAL CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LOCAL AND STATE AMENDMENTS TO THE NATIONAL ELECTRICAL CODE.

ABBREVIATIONS

A	DENOTES AMPERES
A.F.F.	DENOTES ABOVE FINISHED FLOOR
B.P.S.	DENOTES BOLTED PRESSURE SWITCH
C.	DENOTES CONDUIT
E	DENOTE EXISTING TO REMAIN
EC	DENOTE ELECTRICAL CONTRACTOR
EWC	DENOTES ELECTRIC WATER COOLER
GFI	DENOTES GROUND FAULT INTERRUPTER
GRD.	DENOTES GROUND
M.L.O.	DENOTES MAIN LUGS ONLY
M.C.	DENOTES MECHANICAL CONTRACTOR
N.I.C.	DENOTES NOT IN CONTRACT
NEC	DENOTES NATIONAL ELECTRICAL CODE
WP	DENOTES WEATHERPROOF

SYMBOLS LIST

SYMBOL	DESCRIPTION
⌚ K	SINGLE POLE SWITCH - "K" DENOTES KEY OPERATED SWITCH (MAXIMUM 4P AFF UNLESS NOTED OTHERWISE, TYPICAL FOR SWITCHES)
⌚ 3W	THREE WAY SWITCH
⌚ T	THERMAL OVERLOAD SWITCH - "T" DENOTES PILOT LIGHT
⌚ OS	WALL MOUNTED OCCUPANCY SENSOR SWITCH (SENSOR SWITCH # WSD-PDT OR APPROVED EQUAL)
⌚ LV	LOW VOLTAGE INTERFACE SWITCH FOR OCCUPANCY SENSOR (SENSOR SWITCH # SP0DM-SA-3X OR APPROVED EQUAL)
⊖	SIMPLEX OUTLET - "G" DENOTES ISOLATED GROUND TYPE (+18" AFF UNLESS NOTED OTHERWISE)
⊖	DUPLEX CONVENIENCE OUTLET - "G" DENOTES ISOLATED GROUND TYPE (+18" AFF UNLESS NOTED OTHERWISE)
⊖	DOUBLE DUPLEX OUTLET (+18" AFF UNLESS NOTED OTHERWISE)
⊖	DOUBLE DUPLEX ISOLATED GROUND OUTLET (+18" AFF UNLESS NOTED OTHERWISE)
⊖	DUPLEX ISOLATED GROUND CONVENIENCE OUTLET (+18" AFF UNLESS NOTED OTHERWISE)
⊖	DUPLEX GROUND FAULT CIRCUIT INTERRUPTING CONVENIENCE OUTLET (+18" AFF UNLESS NOTED OTHERWISE)
⊖	DUPLEX RECEPTACLE FLUSH MOUNTED IN CEILING
⊖	DUPLEX RECEPTACLE FLUSH MOUNTED ON FLOOR
⊖	RECEPTACLE RATING & TYPE AS INDICATED ON DRAWINGS
⊖	TELEPHONE OUTLET - "E.C." TO PROVIDE BACKBOX AND PLASTER TRIM RING, JACKS AND DEVICES BY TELEPHONE DATA SYSTEM VENDOR. RUN 3/4" EMT TO ACCESSIBLE POINT ABOVE CEILING. PROVIDE PULL WIRE.
⊖	TELEPHONE OUTLET - "E.C." TO PROVIDE BACKBOX AND PLASTER TRIM RING, JACKS AND DEVICES BY TELEPHONE DATA SYSTEM VENDOR. RUN 3/4" EMT TO ACCESSIBLE POINT ABOVE CEILING. PROVIDE PULL WIRE.
⊖	COMBINATION TELEPHONE/DATA OUTLET - "E.C." TO PROVIDE BACKBOX AND PLASTER TRIM RING, JACKS AND DEVICES BY TELEPHONE DATA SYSTEM VENDOR. RUN 3/4" EMT TO ACCESSIBLE POINT ABOVE CEILING. PROVIDE PULL WIRE.
⊖	WIRELESS ACCESS POINT
⊖	JUNCTION BOX - FLOOR, WALL OR CEILING MOUNTED
⊖	NON - FUSED DISCONNECT SWITCH
⊖	FUSED DISCONNECT SWITCH
⊖	MOTOR CONNECTION - H.P. AS NOTED ON DRAWINGS
⊖	CONDUIT RUN CONCEALED IN CEILING OR WALLS
⊖	CONDUIT RUN IN FLOOR SLAB
⊖	CIRCUIT BREAKER
⊖	SWITCH & FUSE
⊖	PANELBOARD
⊖	DISTRIBUTION PANELBOARD
⊖	PUSH BUTTON FOR DOOR BELL
⊖	SPEAKER - SHOWN FOR REFERENCE ONLY - FURNISHED AND INSTALLED BY OWNER VENDOR
⊖	ANALOG TIMER
⊖	BELL OR ANNUNCIATOR, REFER TO FLOOR PLANS FOR ADDITIONAL INFORMATION
⊖	CAMERA - SHOWN FOR REFERENCE ONLY - FURNISHED AND INSTALLED BY OWNER VENDOR. PROVIDE CONDUIT FROM OUTDOORS AND WITHING NON-ACCESSIBLE CEILING
⊖	⊖ LIGHT AUTOMATIC DIMMING CONTROL PHOTOCELL ACURTY #LIGHT # HPHB OR APPROVED EQUAL
⊖	⊖ LIGHT AUTOMATIC DIMMING RELAY PACK ACURTY #LIGHT # ACM-ADCA-RJB OR APPROVED EQUAL
⊖	⊖ CEILING MOUNTED OCCUPANCY SENSOR SENSOR SWITCH # CM-PDT-⊖ OR APPROVED EQUAL
⊖	⊖ CEILING MOUNTED POWER PACK SENSOR SWITCH # PP-20 OR APPROVED EQUAL

ELECTRICAL SHEET INDEX

SHEET	DESCRIPTION
E001	ELECTRICAL SPECIFICATIONS
E100	SYMBOL LIST AND GENERAL NOTES
E200	ELECTRICAL POWER PLAN
E300	ELECTRICAL LIGHTING PLAN
E400	LOW VOLTAGE SYSTEMS PLAN
E500	ELECTRICAL ROOF PLAN
E600	ONE-LINE DIAGRAM & KITCHEN EQUIP SCHEDULE
E601	PANEL BOARD SCHEDULES
E700	ELECTRICAL DRIP/DOWN PLAN
E800	CPI DETAILS
E900	ELECTRICAL ENERGY CODE COMPLIANCE FORMS
ES-1	ELECTRICAL SITE PLAN



project no. | KRKSD003

owner



project info

CONCORD NORTH CAROLINA

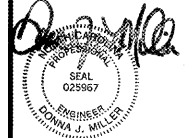
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sheet info

SYMBOL LIST AND GENERAL NOTES

E100